

Notice of Allowability

Application No.

10/067,550

Examiner

Christopher Onuaku

Applicant(s)

JAIN ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 1/17/07.
2. ☒ The allowed claim(s) is/are 1-40 (now renumbered 1-9,11-18,20-25,27-29,31-39,10,19,26,30&40, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 3/14/07& 11/30/06
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-40 are allowable over the prior art of record.
2. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 1, the invention relates to assets management of digital media, including a system and method for capturing and managing video and associated data.

The closest references Chow et al (US 5,692,104) disclose method and apparatus for detecting end points of speech activity, and Chang et al (US 5,828,809) teach context-based video indexing and video information extraction systems including an information extraction system that combines and integrates both speech understanding and image analysis.

However, Chow et al and Chang et al fail to explicitly disclose a method of extracting audio for indexing of video, where the method further comprises the step of extracting a plurality of audio metadata tracks from the audio information, each audio metadata track having selected ones of the time codes indicative at least of start and stop times for the audio metadata track.

Regarding claim 10, the invention relates to assets management of digital media, including a system and method for capturing and managing video and associated data.

The closest references Chow et al (US 5,692,104) disclose method and apparatus for detecting end points of speech activity, and Chang et al (US 5,828,809) teach context-based video indexing and video information extraction systems including an information extraction system that combines and integrates both speech understanding and image analysis.

However, Chow et al and Chang et al fail to explicitly disclose an audio engine for extracting metadata tracks, where the audio engine further comprises a plurality of audio metadata track extraction components in data communication with the output of the switch, wherein each audio metadata track extraction component provides an audio metadata track associated with speech.

Regarding claim 18, the invention relates to assets management of digital media, including a system and method for capturing and managing video and associated data.

The closest references Chow et al (US 5,692,104) disclose method and apparatus for detecting end points of speech activity, and Chang et al (US 5,828,809) teach context-based video indexing and video information extraction systems including an information extraction system that combines and integrates both speech understanding and image analysis.

However, Chow et al and Chang et al fail to explicitly disclose an audio engine for extracting metadata tracks, where the audio engine further comprises a plurality of audio metadata track extraction components in data communication with the output of

the switch, wherein each audio metadata track extraction component provides an audio metadata track associated with speech.

Regarding claim 24, the invention relates to assets management of digital media, including a system and method for capturing and managing video and associated data.

The closest references Chow et al (US 5,692,104) disclose method and apparatus for detecting end points of speech activity, and Chang et al (US 5,828,809) teach context-based video indexing and video information extraction systems including an information extraction system that combines and integrates both speech understanding and image analysis.

However, Chow et al and Chang et al fail to explicitly disclose a method of extracting audio for indexing of video, where the method further comprises extracting a plurality of audio metadata tracks from the audio information, each audio metadata track being associated with selected ones of the time codes indicative at least of start and stop times for the audio metadata track.

Regarding claim 27, the invention relates to assets management of digital media, including a system and method for capturing and managing video and associated data.

The closest references Chow et al (US 5,692,104) disclose method and apparatus for detecting end points of speech activity, and Chang et al (US 5,828,809) teach context-based video indexing and video information extraction systems including

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an information extraction system that combines and integrates both speech understanding and image analysis.

However, Chow et al and Chang et al fail to explicitly disclose an audio engine for extracting metadata tracks, where the audio engine further comprises a plurality of audio metadata track extraction components in data communication with the output of the switch, wherein each audio metadata track extraction component provides an audio metadata track associated with speech.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Onuaku whose telephone number is 571-272-7379. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Groody can be reached on 571-272-7950. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


COO

5/25/07.



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